

533 Rec'd PCT/PTO 29 AUG 2001

FORM PCT 1390  
REV. 5/93U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICETRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371ATTORNEY'S DOCKET NO.  
GÖTZEN-1 PCT

U.S. APPLICATION NO. (if known, see 37 CFR 1.5)

09/914585

INTERNATIONAL APPLICATION NO.  
PCT/DE00/04393INTERNATIONAL FILING DATE  
8 DECEMBER 2000PRIORITY DATE CLAIMED  
31 DECEMBER 1999

## TITLE OF INVENTION

Method for the Production of Three-dimensionally Arranged Conducting and Connecting Structures for Volumetric and Energy Flows

APPLICANT(S) FOR DO/EO/US

REINER GÖTZEN

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371 (f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).
4. ☒ A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
  - a. ☒ is transmitted herewith (required only if not transmitted by the International Bureau)
  - b. ☐ has been transmitted by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☒ A translation of the International Application into English (35 U.S.C. 371(c)(2)).
7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)).
  - a. ☐ are transmitted herewith (required only if not transmitted by the International Bureau).
  - b. ☐ have been transmitted by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has **NOT** expired.
  - d. ☐ have not been made and will not be made.
8. ☐ A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11. to 16. below concern other document(s) or information included:

11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☒ A **FIRST** preliminary amendment.  
☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
14. ☐ A substitute specification.
15. ☐ A change of power of attorney and/or address letter.
16. ☒ Other items or information:

Applicant Claims Priority under 35 U.S.C. §119 of GERMAN Application No. 199 64 099.8, filed: 31 DECEMBER 1999.  
 Applicant Claims Priority under 35 U.S.C. §120 of: PCT No. PCT/DE00/04393, filed: 8 DECEMBER 2000.

APPLICATION NO. (if known, see 37 CFR 1.5)

09/914585

INTERNATIONAL APPLICATION NO.  
PCT/DE00/04393ATTORNEY'S DOCKET NO.  
GÖTZEN-1 PCT☒ The following fees are submitted:

Basic National Fee (37 CFR 1.492(a)(1)-(5)):

Search Report has been prepared by the EPO or JPO.....\$860.00

International preliminary examination fee paid to USPTO (37 CFR 1.482)  
.....\$690.00Neither international preliminary examination fee paid (37 CFR 1.82) nor  
international search fee (37 CFR 1.445(a)(2)) paid to USPTO.....\$1,000.00International preliminary examination fee paid to USPTO (37 CFR 1.482)  
and all claims satisfied provisions of PCT Article 33(2)-(4).....\$100

ENTER APPROPRIATE BASIC FEE AMOUNT =

\$ 860.00

Surcharge of \$130.00 for furnishing the oath or declaration later than \_\_\_\_ 20 \_\_\_\_ 30  
months from the earliest claimed priority date (37 CFR 1.492(e)).

Claims	Number Filed	Number Extra	Rate
Total Claims	4 - 20 =	- 0 -	X \$18.00
Independent Claims	1 - 3 =	- 0 -	X \$80.00
Multiple dependent claim(s) (if applicable)			+ \$270.00

TOTAL OF ABOVE CALCULATIONS =

\$ 860.00

Reduction by 1/2 for Small Entity status, if applicable.

\$ 430.00

SUBTOTAL =

\$ 430.00

Processing fee of \$130.00 for furnishing the English translation later than \_\_\_\_ 20 \_\_\_\_ 30  
months from the earliest claimed priority date (37 CFR 1.492(f)).

\$

TOTAL NATIONAL FEE =

\$ 430.00

Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be  
accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +See cover sheet attached to assign  
\$ to be charged to Deposit Acct

TOTAL FEES ENCLOSED =

\$ 430.00

Amount to be:  
refunded

\$

charged

\$

☒ Applicant claims Small Entity status.

- a. ☒ A check in the amount of \$ 430.00 to cover the above fees is enclosed.
- b. ☐ Please charge my Deposit Account No. 03-2468 in the amount of \$ \_\_\_\_\_ to cover the above fees. A duplicate copy of this sheet is enclosed.
- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Deposit Account No. 03-2468. A duplicate copy of this sheet is enclosed.

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

COLLARD & ROE, P.C.  
1077 Northern Boulevard  
Roslyn, New York 11576-1696  
(516) 365-9802

*Edward R. Freedman*  
Signature

Edward R. Freedman  
Reg. No. 26,048

Express Mail No. EL 871 446 597 US

Date of Deposit August 29, 2001

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10, on the date indicated above, and is addressed to the Ass't. Commissioner for Patents, Washington, D.C. 20231

*Lisa L. Vulpis*  
Lisa L. Vulpis